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AMENDMENTS TO THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims includes amended claims 3 and 5 and new claims 10-16.

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1. (Original) An implantable medical device comprising:
a parameter storage unit that is operative to store parameter data corresponding to at least two operating configurations;
a receiver that is operative to receive communication signals from an external device; and
a controller that is connected to the parameter storage unit and to the receiver and that controls the operation of the implantable medical device according to a selected one of the operating configurations, wherein the controller is responsive to receipt of a reset signal by the receiver to retrieve parameter data from the parameter storage unit corresponding to another of the operating configurations and to implement the parameter data to change the operating configuration.
 2. (Original) The device of claim 1, wherein the parameter storage unit comprises a current state pointer for identifying a current operating configuration.
 3. (Currently Amended) The device of claim 1, wherein the operating configurations in the parameter storage unit are ordered such that one of the stored operating configurations is selected according to its order in the parameter storage unit as the a current operating configuration.
 4. (Original) The device of claim 1, wherein the receiver is configured to communicate with an external programmer.

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5. (Currently Amended) A method for controlling operation of an implantable medical device, the method comprising:

maintaining at least three sets of parameters representative of at least three programming states comprising a current programming state and at least two other programming state;

receiving a reset signal for resetting the programming state of the implantable device;

retrieving the a corresponding set of parameters based on the received reset signal; and

implementing the retrieved set of parameters to alter the operation of the implantable device.

6. (Original) The method of claim 5, wherein receiving a reset signal comprises receiving a reset signal from an external programmer.

7. (Original) The method of claim 5, wherein receiving a reset signal comprises receiving a reset signal corresponding to one of the programming states.

8. (Original) The method of claim 5, wherein implementing the retrieved set of parameters comprises programming functional components of the implantable device in accordance with the parameters of the selected programming state.

9. (Original) An implantable medical device comprising:
means for storing a plurality of sets of parameter data corresponding to respective operating configurations;
means for receiving communication signals from an external device;
means for controlling the implantable medical device according to a selected one of the operating configurations by implementing a corresponding set of parameter data; and

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means for changing operating configurations by implementing a new set of parameter data in response to receipt of a reset signal from the external device.

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10. (New) The device of claim 1, wherein the at least two operating configurations comprise at least three operating configurations.

11. (New) The device of claim 10, wherein the at least three operating configurations comprises a current operating configuration and at least two other operating configurations.

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12. (New) The device of claim 1, further comprising a transmitter to transmit data from the parameter storage unit to the external device, the external device displaying the differences between the selected operating configurations received from the parameter storage unit.

13. (New) The device of claim 1, further comprising a transmitter to transmit data from the parameter storage unit to the external device, the external device to select at least two of the operating configurations received from the parameter storage unit to form a new operating configuration, the new operating configuration to become the current operating configuration.

14. (New) The method of claim 5, further comprising transmitting the at least three sets of parameters to an external device to display the differences between at least two sets of parameters.

15. (New) The method of claim 5, further comprising transmitting the at least three sets of parameters to an external device to form a new operating configuration, the new operating configuration to become the current operating configuration.

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16. (New) The device of claim 9, wherein the means for storing a plurality of sets of parameter data comprises storing at least three sets of parameter data, the at least three sets of parameter data comprising a current programming state and at least two other programming states.
